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OM protein - protein search, using sw model

Run on: February 11, 2003, 19:47:59 ; Search time 17 seconds
(without alignments)
664.271 Million cell updates/sec

Title: US-09-497-967-6
Perfect score: 2342
Sequence: 1 MYNILLIILISFLINELRA.....STTFKFLISLLIFISVLL 442

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 140259 seqs, 25548876 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Published Applications_AA:*
- 1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
 - 2: /cgn2_6/ptodata/2/pubpaa/PTCT_NEW_PUB.pep.*
 - 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
 - 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
 - 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
 - 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
 - 7: /cgn2_6/ptodata/2/pubpaa/PTCTUS_PUBCOMB.pep.*
 - 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
 - 9: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
 - 10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep.*
 - 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
 - 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
 - 13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
 - 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	251.5	10.7	1076	9	US-10-028-072-219
2	251.5	10.7	1076	9	Sequence 219, App
3	251.5	10.7	1076	9	Sequence 219, App
4	251.5	10.7	1076	9	Sequence 219, App
5	251.5	10.7	1076	9	Sequence 219, App
6	251.5	10.7	1076	9	Sequence 219, App
7	251.5	10.7	1076	9	Sequence 219, App
8	249.5	10.7	914	9	US-09-975-143-47
9	240.5	10.3	1090	9	US-09-759-1308-134
10	239	10.2	4440	9	Sequence 525, App
11	239	10.2	4440	9	Sequence 525, App
12	239	10.2	4440	9	Sequence 525, App
13	239	10.2	4440	9	Sequence 525, App
14	239	10.2	4440	9	Sequence 525, App
15	239	10.2	4440	9	Sequence 525, App
16	239	10.2	4440	9	Sequence 525, App
17	239	10.2	4440	9	Sequence 525, App
18	239	10.2	4440	9	Sequence 525, App
19	239	10.2	4440	9	Sequence 525, App

20	239	10.2	4440	9	US-10-180-557-525
21	239	10.2	4440	9	US-10-173-700-525
22	239	10.2	4440	9	US-10-174-572-525
23	239	10.2	4440	9	US-10-174-572-525
24	239	10.2	4440	9	US-10-174-579-525
25	239	10.2	4440	9	US-10-174-582-525
26	239	10.2	4440	9	US-10-174-588-525
27	239	10.2	4440	9	US-10-175-739-525
28	239	10.2	4440	9	US-10-175-740-525
29	239	10.2	4440	9	US-10-175-743-525
30	239	10.2	4440	9	US-10-176-488-525
31	239	10.2	4440	9	US-10-176-492-525
32	239	10.2	4440	9	US-10-176-747-525
33	239	10.2	4440	9	US-10-176-750-525
34	239	10.2	4440	9	US-10-176-985-525
35	239	10.2	4440	9	US-10-176-987-525
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37	239	10.2	4440	9	US-10-176-992-525
38	239	10.2	4440	9	US-10-176-993-525
39	239	10.2	4440	9	US-10-184-658-525
40	236	10.1	1435	9	US-10-052-586-525
41	236	10.1	1435	9	US-10-174-590-581
42	236	10.1	1435	9	US-10-176-758-581
43	236	10.1	1435	9	US-10-175-737-581
44	236	10.1	1435	9	US-10-173-706-581
45	236	10.1	1435	9	US-10-175-738-581
					US-10-175-752-581

ALIGNMENTS

RESULT 1

US-10-028-072-219
; Sequence 219, Application US/10028072
; Publication No. US20030004311A1

GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: DeForge, Laura
- APPLICANT: Desnoyers, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gao, Wei-Qiang
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Godowski, Paul J.
- APPLICANT: Gurney, Austin L.
- APPLICANT: Sherwood, Steven
- APPLICANT: Smith, Victoria
- APPLICANT: Stewart, Timothy A.
- APPLICANT: Tumas, Daniel
- APPLICANT: Watanabe, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang

TITLE OF INVENTION:

FILE REFERENCE:

CURRENT APPLICATION NUMBER: US/10/028,072

CURRENT FILING DATE: 2001-12-19

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

1 PRIOR APPLICATION NUMBER: 60/059352
2 PRIOR FILING DATE: 1997-09-19
3 PRIOR APPLICATION NUMBER: 60/059588
4 PRIOR FILING DATE: 1997-09-19
5 PRIOR APPLICATION NUMBER: 60/059836
6 PRIOR FILING DATE: 1997-09-24
7 PRIOR APPLICATION NUMBER: 60/062250
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9 PRIOR APPLICATION NUMBER: 60/062285
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11 PRIOR APPLICATION NUMBER: 60/062287
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13 PRIOR APPLICATION NUMBER: 60/062814
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15 PRIOR APPLICATION NUMBER: 60/062816
16 PRIOR FILING DATE: 1997-10-24
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19 PRIOR APPLICATION NUMBER: 60/063082
20 PRIOR FILING DATE: 1997-10-31
21 PRIOR APPLICATION NUMBER: 60/063127
22 PRIOR FILING DATE: 1997-10-24
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33 PRIOR APPLICATION NUMBER: 60/063733
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44 PRIOR FILING DATE: 1997-11-07
45 PRIOR APPLICATION NUMBER: 60/065186
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47 PRIOR APPLICATION NUMBER: 60/065846
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49 PRIOR APPLICATION NUMBER: 60/066364
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105 PRIOR APPLICATION NUMBER: 60/084637
106 PRIOR FILING DATE: 1998-05-07
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108 PRIOR FILING DATE: 1998-05-12
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125 PRIOR APPLICATION NUMBER: 60/087106
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128 PRIOR FILING DATE: 1998-06-04
129 PRIOR APPLICATION NUMBER: 60/088730
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131 PRIOR APPLICATION NUMBER: 60/088741
132 PRIOR FILING DATE: 1998-06-10
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; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;

QY 23 CPDGTOTQAGLTDVGAADLGTVCNCRPNFYNGGAAGGANGNQPFANNAARGICVPCQ 82
Db 440 CAGGA---TGAAGAAGAA-TATTTTATAGGATTGGAAACAAAGGAATCTACAAAGCCATCA 495

QY 83 INRVGSVTNAGDLATLATOCSTQCPTG---TALDDGVTDVDFDRSAAOCVKCKPNFYNG 138
Db 496 --GTGAACCTGGATATCTCTTCTCTGGATTAAATAATTTATTGGAAAGC-----A 543

QY 139 GSPOGEAPGVQVFAAGAAAGVAAT-----NLATQCSNOCPTGVLDDGVTLVFNSTATLCVKCR 176
Db 544 GTCAGTAAC-CAAGCCCAAGTACATTTTACAGTTATTTTGAATAACAATAAGAAC 602

QY 177 SPATAGAQA-----NLATQCSNOCPTGVLDDGVTLVFNSTATLCVKCR 220
Db 603 TGCTAGAAATATGTTTATAACAGTCTATTTCTTTTAAACCTTTTACATAACTACT--- 659

QY 221 PNFYNGSGSQGEAPGVQVFAAGAAAGVAATSOVCPCQINKNDSPATAGAANLATQC 280
Db 660 -----GAGGCATGTTAGGTGATTCAAGATAGACA-----AGAAGGATTTAGTAA 704

QY 281 STQCPGTGTAIDQGVTLVFNSTQCSQCIANYFFNGFNEAGKSQCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAAGTTGTCA-CTA-----ATTGACATTTTCTGTG 751

QY 341 NTATO-----TQCLTTCPCAGTVLDDGTSTNFNVSATECKSCSAGFPASKTTGFTA 391
Db 752 TTTTCAATAAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803

QY 392 GTDCTECTKKLTSGATARKVAAETQKVCQ---ASTTFA 427
Db 804 GTGTCAACTTAATTATAA---GTATGTAACCTGAATTAA 839

RESULT 2
US-10-121-049-219
; Sequence 219, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-219

Query Match 10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;

QY 23 CPDGTOTQAGLTDVGAADLGTVCNCRPNFYNGGAAGGANGNQPFANNAARGICVPCQ 82
Db 440 CAGGA---TGAAGAAGAA-TATTTTATAGGATTGGAAACAAAGGAATCTACAAAGCCATCA 495

QY 83 INRVGSVTNAGDLATLATOCSTQCPTG---TALDDGVTDVDFDRSAAOCVKCKPNFYNG 138
Db 496 --GTGAACCTGGATATCTCTTCTCTGGATTAAATAATTTATTGGAAAGC-----A 543

QY 139 GSPOGEAPGVQVFAAGAAAGVAAT-----NLATQCSNOCPTGVLDDGVTLVFNSTATLCVKCR 176
Db 544 GTCAGTAAC-CAAGCCCAAGTACATTTTACAGTTATTTTGAATAACAATAAGAAC 602

QY 177 SPATAGAQA-----NLATQCSNOCPTGVLDDGVTLVFNSTATLCVKCR 220
Db 603 TGCTAGAAATATGTTTATAACAGTCTATTTCTTTTAAACCTTTTACATAACTACT--- 659

QY 221 PNFYNGSGSQGEAPGVQVFAAGAAAGVAATSOVCPCQINKNDSPATAGAANLATQC 280
Db 660 -----GAGGCATGTTAGGTGATTCAAGATAGACA-----AGAAGGATTTAGTAA 704

QY 281 STQCPGTGTAIDQGVTLVFNSTQCSQCIANYFFNGFNEAGKSQCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAAGTTGTCA-CTA-----ATTGACATTTTCTGTG 751

QY 341 NTATO-----TQCLTTCPCAGTVLDDGTSTNFNVSATECKSCSAGFPASKTTGFTA 391
Db 752 TTTTCAATAAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803

QY 392 GTDCTECTKKLTSGATARKVAAETQKVCQ---ASTTFA 427
Db 804 GTGTCAACTTAATTATAA---GTATGTAACCTGAATTAA 839

RESULT 3
US-10-123-904-219
; Sequence 219, Application US/10123904
; Publication No. US2003002238A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

```

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-123-904-219

Query Match      10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;

QY 23 CPDGTQAGLTDYGAADLGTVCNCRPNFYNGGAAGGANGNOPFAANNAARGICVPCQ 82
DB 440 CAGGA---TGAAGAGAA-TATTTATAGGATTGGAACAAGGAATCTACAAGCCATCA 495
QY 83 INRVGSVTNAGDLATLQCSQCTPTG---TALDDGVTDVDFRSAAOCVKCKPNFYNG 138
DB 496 --GTGAACTGGATATCTTCTTCTCGGATTAAAAAATATTGGAAGC-----A 543
QY 139 GSPQGEAPGVQVFAAGAAAAGVAAT-----SQCVPQCLNKND 176
DB 544 GTCAGTAAAC-CAAAAGCCAAGTACATGATTTACAGTTATTTTGAATACATAAGAAC 602
QY 177 SPATAGAAQ-----NLATQCSNOCPTGTVLDDGVTLVFNSTATLVCVKCR 220
DB 603 TGTAGAAATATGTTTATAACAGTCTATTCTTTTAAAAAACTTTTAAACATAACT--- 659
QY 221 PNFYNGSGPOGEAPGVQVFAAGAAAAGVAATVTSQCVPQCLNKNDSPATAGAQLATQC 280
DB 660 -----GACGGCATGTTAGGTGATTCAGAATAGACA-----AGAAGGATTTAGTAA 704
QY 281 STOCPTGTAIQDGVTLVFNSTQCSQCIANYFFNGFENGFEAGKSQCLKCPVSKTTPAHAPG 340
DB 705 ATTAACGTTTGGATATAGTTGTCA-CTA-----ATTGACATTTCTGTG 751
QY 341 NTATQA-----TQCLTTCAGTTLVDDGSTNFAVASECTKCSAGFFASKTTGFTA 391
DB 752 TTTTCAATAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803
QY 392 GTDTCETCKKLTSAGATAKYAEATQKVC-----ASTTFA 427
DB 804 GTGTCAACTTAATTTAAA---GTATGTAACCTGAATTAA 839

RESULT 4
US-10-140-470-219
; Sequence 219, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-470-219

Query Match      10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;

QY 23 CPDGTQAGLTDYGAADLGTVCNCRPNFYNGGAAGGANGNOPFAANNAARGICVPCQ 82
DB 440 CAGGA---TGAAGAGAA-TATTTATAGGATTGGAACAAGGAATCTACAAGCCATCA 495
QY 83 INRVGSVTNAGDLATLQCSQCTPTG---TALDDGVTDVDFRSAAOCVKCKPNFYNG 138
DB 496 --GTGAACTGGATATCTTCTTCTCGGATTAAAAAATATTGGAAGC-----A 543
QY 139 GSPQGEAPGVQVFAAGAAAAGVAAT-----SQCVPQCLNKND 176
DB 544 GTCAGTAAAC-CAAAAGCCAAGTACATGATTTACAGTTATTTTGAATACATAAGAAC 602
QY 177 SPATAGAAQ-----NLATQCSNOCPTGTVLDDGVTLVFNSTATLVCVKCR 220
DB 603 TGTAGAAATATGTTTATAACAGTCTATTCTTTTAAAAAACTTTTAAACATAACT--- 659
QY 221 PNFYNGSGPOGEAPGVQVFAAGAAAAGVAATVTSQCVPQCLNKNDSPATAGAQLATQC 280
DB 660 -----GACGGCATGTTAGGTGATTCAGAATAGACA-----AGAAGGATTTAGTAA 704
QY 281 STOCPTGTAIQDGVTLVFNSTQCSQCIANYFFNGFENGFEAGKSQCLKCPVSKTTPAHAPG 340
DB 705 ATTAACGTTTGGATATAGTTGTCA-CTA-----ATTGACATTTCTGTG 751
QY 341 NTATQA-----TQCLTTCAGTTLVDDGSTNFAVASECTKCSAGFFASKTTGFTA 391
DB 752 TTTTCAATAATGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803
QY 392 GTDTCETCKKLTSAGATAKYAEATQKVC-----ASTTFA 427
DB 804 GTGTCAACTTAATTTAAA---GTATGTAACCTGAATTAA 839

RESULT 5
US-10-175-746-219
; Sequence 219, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
```

; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-746-219

Query Match 10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;
QY 23 CPDGTQTQAGLTDVGAADLGTCVNCRPNFYNGGAAGGANGNQPFANNAARGICVPCQ 82
Db 440 CAGGA---TGAAGAAGAA-TATTTATAGGATTGGAAACAAAGGAATCTACAAAGCCATCA 495
QY 83 INRVGSVTNAGDLATLATQCSQCPTG-----TALDDGVTDVDFRSAAOCVKCKPNFYNG 138
Db 496 --GTGAAGTGGATATCTCTTCTCTGGATTAAAAAATATTGGAAAGC-----A 543
QY 139 GSPOGEAPGVQVFAAGAAAGVAAVT-----SQCVPQOLKNKD 176
Db 544 GTCAGTAAAC-CAGGCCAAGTACATTTTACAGTTATTTGAAATACAATAAGAAC 602
QY 177 SPATAGAQA-----NLATQCSNOCPTGTGLDDGVTLVFNFSATILCVKCR 220
Db 603 TGCTAGAAATATGTTTATAACAGTCTATTTCTTTTAAAAACTTTTAACTAACTACT--- 659
QY 221 PNFIYNGSGPOGEAPGVQVFAAGAAAGVAAVTSCVPCQINKNDSPATAGAANLATQC 280
Db 660 -----GACGCATGTTAGGTGATTCAGAATAGACA-----AGAAGGATTAGTAA 704
QY 281 STQCPGTGTAIDQVTLVFSNSSTQCSQCIANYFFNGNFEAGKSQCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAAGTTGTC-CTA-----ATTGACATTTTCTGTG 751
QY 341 NFATQA-----TQCLTTCAGTVLDDGTSTNFVASATECKKSAGFFASKTTGFTA 391
Db 752 TTTTCAATAATAGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803
QY 392 GTDCTECTKLTSGATAKVVAEATQKVC---ASTTFA 427
Db 804 GTGTCAACTTAATTAA--GTAATGAACCTGAATTAA 839

RESULT 6

US-10-176-918-219
; Sequence 219, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C382

; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 219
; LENGTH: 1076
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-219

Query Match 10.7%; Score 251.5; DB 9; Length 1076;
Best Local Similarity 25.7%; Pred. No. 1.6e-11;
Matches 118; Conservative 21; Mismatches 207; Indels 113; Gaps 19;
QY 23 CPDGTQTQAGLTDVGAADLGTCVNCRPNFYNGGAAGGANGNQPFANNAARGICVPCQ 82
Db 440 CAGGA---TGAAGAAGAA-TATTTATAGGATTGGAAACAAAGGAATCTACAAAGCCATCA 495
QY 83 INRVGSVTNAGDLATLATQCSQCPTG-----TALDDGVTDVDFRSAAOCVKCKPNFYNG 138
Db 496 --GTGAAGTGGATATCTCTTCTCTGGATTAAAAAATATTGGAAAGC-----A 543
QY 139 GSPOGEAPGVQVFAAGAAAGVAAVT-----SQCVPQOLKNKD 176
Db 544 GTCAGTAAAC-CAGGCCAAGTACATTTTACAGTTATTTGAAATACAATAAGAAC 602
QY 177 SPATAGAQA-----NLATQCSNOCPTGTGLDDGVTLVFNFSATILCVKCR 220
Db 603 TGCTAGAAATATGTTTATAACAGTCTATTTCTTTTAAAAACTTTTAACTAACTACT--- 659
QY 221 PNFIYNGSGPOGEAPGVQVFAAGAAAGVAAVTSCVPCQINKNDSPATAGAANLATQC 280
Db 660 -----GACGCATGTTAGGTGATTCAGAATAGACA-----AGAAGGATTAGTAA 704
QY 281 STQCPGTGTAIDQVTLVFSNSSTQCSQCIANYFFNGNFEAGKSQCLKCPVSKTTPAHAPG 340
Db 705 ATTAACGTTTGGATATAAGTTGTC-CTA-----ATTGACATTTTCTGTG 751
QY 341 NFATQA-----TQCLTTCAGTVLDDGTSTNFVASATECKKSAGFFASKTTGFTA 391
Db 752 TTTTCAATAATAGTTTCCATTC-TGAACATGTTTGTG-ATTCA-CAAG-----TACATT 803
QY 392 GTDCTECTKLTSGATAKVVAEATQKVC---ASTTFA 427
Db 804 GTGTCAACTTAATTAA--GTAATGAACCTGAATTAA 839

RESULT 7

US-10-176-921-219
; Sequence 219, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921

;; PRIOR FILING DATE: 2000-06-23
;; PRIOR APPLICATION NUMBER: US 09/420,707
;; PRIOR FILING DATE: 1999-10-19
;; NUMBER OF SEQ ID NOS: 460
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 134
;; LENGTH: 1090
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-759-130B-134

Query Match 10.3%; Score 240.5; DB 9; Length 1090;
Best Local Similarity 26.5%; Pred. No. 1.1e-10;
Matches 114; Conservative 14; Mismatches 192; Indels 110; Gaps 20;
QY 26 GTQTQAGLTDVGAADLGTVCNCRPNFYNGGAAGCEANGNQPFANNAARGI-C--VPCQ 82
DB 718 GTACAGACTTTGAGGTTTCATC-----AATATA-----AATAAAGACGAGAAAA 762
QY 83 INRVGSVNTAGDLATLQ--CSTQCPGTGTLDDGVTDVDRSAACVCKPNFYNGGS 140
DB 763 ATATGTCCTTGCTTTTCATCTTGTACCAAAA-----AACAAC-----800
QY 141 PQGEAPGVQVFAAGAAAAGVAATVSOCPQLNKNDSPTAGAAQANLAT-QCSNOCPTGT 199
DB 801 -----ACAAAAAAGTTGTC--C-----TTTGAGAACTTCACCTGCTCCT 839
QY 200 VLDGVTLVNFSATLCVKCRPNFYNGGSPQGEAPGVQVFAAGAAAAGVAATVSOCPV- 258
DB 840 ATGTGGGTAGCTAGTCAAAAT---TGTCATTTTGTCTGTGAAATAAATTTCCCT 895
QY 259 -----CQINKNDSPTAGAAQANLATQSTQCPGTATQDGVTLVFSNSTQCSQCIAN 311
DB 896 CTGTGACCAATTTCTGTTTGTACTTAAATC-TGTAATACT-----GTAATTTTC--- 947
QY 312 YFNGNFEAGSKCLKCPVSKITPAHAPGNATATQATQCLTTCPA---GTVLDDGTSTNF 367
DB 948 -----TGTTTATTCCAAATTTGATGAACCTGA--CAATCCAAATTTGAAAGTTTGTGT 997
QY 368 VASATECT-KCSAGFFASTTTGTACT-DTCFECTKKLTSGATA-----KVYAEA 415
DB 998 CGACGCTGTGCTAGCTTAAATGAATGCTGTCTATTGCTTTATACATATTATTAATAA 1057
QY 416 TKVQCASTT 425
DB 1058 TTGTACATTT 1067

RESULT 10
US-10-174-590-525
; Sequence 525, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C42
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2002-06-18
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440

;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-174-590-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;
QY 27 TQTQAGLTDVGAADLGTVCNCRPNFYNGGAAGCEANGNQPFANNAARGICVPCQINRV 86
DB 3854 TATACATTTTAACTACTCAGCAA-----GACAAGTT-----TCTCAATGCCA-CCTCTT 3901
QY 87 GSVTNAGDLATLQCS--TQCPGTALDDGVTDVDRSAACVCKPNFYNGGSPQG- 143
DB 3902 TTCAGAG---TTTTCCTGGTGTGTA--GATGT--TTATTCTTC-----TGGATAAA 3948
QY 144 -----BAPGVQVFAAGAAAAGVAATVSOCPQLNKNDSPTAGAAQANL 187
DB 3949 CTTTAGAATCACTCTTTTGTCCAAGGTAATAATATATCCACATTCAGATCATCTGAAT 4008
QY 188 ATQCSNOC-----PTGTVLDDGVTLVFNFSATLCVKCRPNFYNGGS 229
DB 4009 ATACAGACTAATTCAGAAAATATGATGCTTTTATTCGATGAGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAAGVAATVSOCPQLNKNDSPTAGAAQANLATQCS---OCPT 286
DB 4061 ATCCAATAAAAAAGATATG-AATTTCCA-----TGTAATGAAATCTTCACCTGAGACTT 4112
QY 287 GTALQDQ---VTLVFSNSTQCSQCIANYFFNGNFEAGSKCLKCPVSKITTPAHAPGNATA 343
DB 4113 ATTTTGGCTTTTCACATGCTCCGCAA---ATGTAATGTTAAATTTATTTTA---GGTA 4166
QY 344 TQAT-----QCLTTCFAGTVLDDGTSTNFVASATECTKCSAGFFASTTTCTAGT 393
DB 4167 TTTTAGGGGAAAGATGATTTCTTAAAGTTTCTATT-----TTCTAGC-----TTGTTATA 4214
QY 394 DTCFECTKKLTSCATAKVYA---EATQKVOCASTT 425
DB 4215 ATTTACATATGAGATAGTAGTCATTTGTTGTATATTTATTT 4250

RESULT 11
US-10-176-758-525
; Sequence 525, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-06-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;

Db 3902 TTCAGAG---TTTTCTCTGGTGGTTGTA--GATGT--TTATTCTTTC-----TGGATAAA 3948
Qy 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQLNKNKNDSPATAGAQAANL 187
Db 3949 CTTTAGAATCACTCTTTTGTGTCOAAGGTAAATATATATCCACATTCAGATCATACTGAAT 4008
Qy 188 ATOCSSNOC-----PTGTVLDDGVTLVFNSTATLCVKCRPNFYNGSGS 229
Db 4009 ATACAGACTAATTCAGGAAAAATGATGCTTTATTGCTAGTGGCTTCT-----T 4060
Qy 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAQAANLATOCST---QCPT 286
Db 4061 ATCCAATAAAAAAGATATG-AAATTTCCA-----TGTATTGAAATCTTCAGTGAAGCTT 4112
Qy 287 GTAIDQG---VTLVFSNSTOCISCIANYFPNGFNFAAGKSQCLKCPVSKTTPAHAFGNTA 343
Db 4113 ATTTTGGCTTTTCACATGCTCTGCAA---ATGTAATGTTAAATTTATTTTA---GGTA 4166
Qy 344 TQAT-----QCLTTCBPAGTVLDDGSTNFFVASATECTKCSAGFFASKTTGFTAGT 393
Db 4167 TTTTAGGGGAAATGATTTCTTAAAGTTTGTATT-----TTCTAGC-----TTGTTATA 4214
Qy 394 DTCTECTKLTSGATAKYA---EATQKVOCASST 425
Db 4215 ATTACATATGAGATAGTCATTTGTTATATATT 4250

RESULT 13
US-10-173-706-525
; Sequence 525, Application US/10173706
; Publication No. US20030022293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;

Qy 27 TQTAGLTDVGAADLGTVCNCRPNFYNGGAOGEANGNPFANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAAATACTACGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
Qy 87 GSVTNAGDLATLATQCS--TQCPTGTALDDGVTFDRSAAQCCKPKPNFYNGSGSQG- 143
Db 3902 TTCAGAG---TTTTCTCTGGTGGTTGTA--GATGT--TTATTCTTTC-----TGGATAAA 3948
Qy 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQLNKNKNDSPATAGAQAANL 187
Db 3949 CTTTAGAATCACTCTTTTGTGTCOAAGGTAAATATATATCCACATTCAGATCATACTGAAT 4008
Qy 188 ATOCSSNOC-----PTGTVLDDGVTLVFNSTATLCVKCRPNFYNGSGS 229

Qy 27 TQTAGLTDVGAADLGTVCNCRPNFYNGGAOGEANGNPFANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAAATACTACGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
Qy 87 GSVTNAGDLATLATQCS--TQCPTGTALDDGVTFDRSAAQCCKPKPNFYNGSGSQG- 143
Db 3902 TTCAGAG---TTTTCTCTGGTGGTTGTA--GATGT--TTATTCTTTC-----TGGATAAA 3948
Qy 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQLNKNKNDSPATAGAQAANL 187
Db 3949 CTTTAGAATCACTCTTTTGTGTCOAAGGTAAATATATATCCACATTCAGATCATACTGAAT 4008
Qy 188 ATOCSSNOC-----PTGTVLDDGVTLVFNSTATLCVKCRPNFYNGSGS 229
Db 4009 ATACAGACTAATTCAGGAAAAATGATGCTTTATTGCTAGTGGCTTCT-----T 4060
Qy 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAQAANLATOCST---QCPT 286
Db 4061 ATCCAATAAAAAAGATATG-AAATTTCCA-----TGTATTGAAATCTTCAGTGAAGCTT 4112
Qy 287 GTAIDQG---VTLVFSNSTOCISCIANYFPNGFNFAAGKSQCLKCPVSKTTPAHAFGNTA 343
Db 4113 ATTTTGGCTTTTCACATGCTCTGCAA---ATGTAATGTTAAATTTATTTTA---GGTA 4166
Qy 344 TQAT-----QCLTTCBPAGTVLDDGSTNFFVASATECTKCSAGFFASKTTGFTAGT 393
Db 4167 TTTTAGGGGAAATGATTTCTTAAAGTTTGTATT-----TTCTAGC-----TTGTTATA 4214
Qy 394 DTCTECTKLTSGATAKYA---EATQKVOCASST 425
Db 4215 ATTACATATGAGATAGTCATTTGTTATATATT 4250

RESULT 12
US-10-175-737-525
; Sequence 525, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;

Qy 27 TQTAGLTDVGAADLGTVCNCRPNFYNGGAOGEANGNPFANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAAATACTACGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
Qy 87 GSVTNAGDLATLATQCS--TQCPTGTALDDGVTFDRSAAQCCKPKPNFYNGSGSQG- 143

Db 4009 ATACAGACTAATTCAGGAAAAAATGATGCTTTTATTCATTGAGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQLATQCST---QCPT 286
Db 4061 ATCCAATAAAAAGATATG-AATTCCA-----TGTATTGAAATCTTCACAGACTT 4112
QY 287 GTAIODG---VTLVFSNSTOCSOCIANYFNGFNGFEAGKSOCLKCPVSKTTPAHAPGNTA 343
Db 4113 ATTTTGGCTTTTACATGCTCTCAA---ATGTAATTGTTAAATTTATTTTAA---GGTA 4166
QY 344 TOAT-----OCULTCPAGTVLDDGSTNFBASATECTKCSAGFFASKTTGFTAGT 393
Db 4167 TTTTAGGGGAAATGATTCTTCTAAAGTTTGTAAT-----TTCAGC-----TTGTTATA 4214
QY 394 DTCTECTKLTSGATAKVYA-----EATQKVOCASTT 425
Db 4215 ATTTACATATGAGATAGTCAATGTTGTTATATATTT 4250

RESULT 14

US-10-175-738-525
; Sequence 525, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC45
; CURRENT APPLICATION NUMBER: US/10/175,738
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;
QY 27 TQTQAGLTDVGAADLGTVCNCRPNFYNGGAAOGEANGNQPFAANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAACTACGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
QY 87 GSVTNAGDLATLATQCS--TQCPGTALDDGVTDVDFRSAAQCCKPKNFYNGGSPQG- 143
Db 3902 TTCAGAG---TTTTCTGGTGGTTGTAA--GATGT--TTATTCTTC-----TGGATAAA 3948
QY 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQL 187
Db 3949 CTTTAGAATCACTCTTTTGTCCAAAGTAAATATATCCACATTGAGATCACTGAAT 4008
QY 188 ATQCSNQC-----PTGVLDGTVLVENTSATLCVKCRPNFYNGGS 229
Db 4009 ATACAGACTAATTCAGGAAAAAATGTATGCTTTTATTCATTGAGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQLATQCST---QCPT 286
Db 4061 ATCCAATAAAAAGATATG-AATTCCA-----TGTATTGAAATCTTCACAGACTT 4112

QY 287 GTAIODG---VTLVFSNSTOCSOCIANYFNGFNGFEAGKSOCLKCPVSKTTPAHAPGNTA 343
Db 4113 ATTTTGGCTTTTACATGCTCTCAA---ATGTAATTGTTAAATTTATTTTAA---GGTA 4166
QY 344 TOAT-----OCULTCPAGTVLDDGSTNFBASATECTKCSAGFFASKTTGFTAGT 393
Db 4167 TTTTAGGGGAAATGATTCTTCTAAAGTTTGTAAT-----TTCAGC-----TTGTTATA 4214
QY 394 DTCTECTKLTSGATAKVYA-----EATQKVOCASTT 425
Db 4215 ATTTACATATGAGATAGTCAATGTTGTTATATATTT 4250

RESULT 15

US-10-175-752-525
; Sequence 525, Application US/10175752
; Publication No. US20030022295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC60
; CURRENT APPLICATION NUMBER: US/10/175,752
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 525
; LENGTH: 4440
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-525

Query Match 10.2%; Score 239; DB 9; Length 4440;
Best Local Similarity 27.0%; Pred. No. 7.6e-10;
Matches 123; Conservative 16; Mismatches 201; Indels 116; Gaps 21;
QY 27 TQTQAGLTDVGAADLGTVCNCRPNFYNGGAAOGEANGNQPFAANNAARGICVPCQINRV 86
Db 3854 TATACATTTTAACTACGCAA-----GACAAGTT-----TCTCAATGCCA-CTCTTT 3901
QY 87 GSVTNAGDLATLATQCS--TQCPGTALDDGVTDVDFRSAAQCCKPKNFYNGGSPQG- 143
Db 3902 TTCAGAG---TTTTCTGGTGGTTGTAA--GATGT--TTATTCTTC-----TGGATAAA 3948
QY 144 -----EAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQL 187
Db 3949 CTTTAGAATCACTCTTTTGTCCAAAGTAAATATATCCACATTGAGATCACTGAAT 4008
QY 188 ATQCSNQC-----PTGVLDGTVLVENTSATLCVKCRPNFYNGGS 229
Db 4009 ATACAGACTAATTCAGGAAAAAATGTATGCTTTTATTCATTGAGTCTTCT-----T 4060
QY 230 PQGEAPGVQVFAAGAAAGVAAVTSQVPCQINKNDSPATAGAAQLATQCST---QCPT 286
Db 4061 ATCCAATAAAAAGATATG-AATTCCA-----TGTATTGAAATCTTCACAGACTT 4112
QY 287 GTAIODG---VTLVFSNSTOCSOCIANYFNGFNGFEAGKSOCLKCPVSKTTPAHAPGNTA 343
Db 4113 ATTTTGGCTTTTACATGCTCTCAA---ATGTAATTGTTAAATTTATTTTAA---GGTA 4166
QY 344 TOAT-----OCULTCPAGTVLDDGSTNFBASATECTKCSAGFFASKTTGFTAGT 393
Db 4167 TTTTAGGGGAAATGATTCTTCTAAAGTTTGTAAT-----TTCAGC-----TTGTTATA 4214

